

PROCEEDINGS OF THE SEVENTY-EIGHTH ANNUAL MEETING

JOHN A. SMALLWOOD, SECRETARY

The seventy-eighth annual meeting of the Wilson Ornithological Society was held Thursday, 17 April, through Sunday, 20 April, 1997, at Kansas State University, Manhattan, Kansas, in joint session with the Kansas Ornithological Society. The local committee, chaired by John Zimmerman, was composed of George Allen, Doris Burnett, Ted Cable, Jack Cully, Jim Mayhew, Dan Mulhern, Chuck and Jane Otte, Diane Post, Dave Rintoul, Bob Robel, Chris Smith, and Marilyn Tilghman. The meeting was sponsored by the Division of Biology, Kansas State University; the Graduate School, Kansas State University; the Northern Flint Hills Audubon Society; the Friends of Konza Prairie; the Kansas Department of Wildlife and Parks; the Kansas Cooperative Fish and Wildlife Research Unit; and the Kansas Chapter of the Wildlife Society.

The Council met from 13:09 to 18:08 on Thursday, 17 April, in the K-State Student Union. At that time there were 163 registrants. On Thursday evening there was an informal reception for conferees and their guests at the Beach Museum of Art.

The opening session on Friday convened in Forum Hall at 08:30 with welcoming remarks from Provost James Coffman, Kansas State University, followed by responses from President Keith Bildstein, Wilson Ornithological Society, and President Roy Beckmeyer, Kansas Ornithological Society, with further comments from local committee chair John Zimmerman and scientific program committee chair, WOS Second Vice-president John Kricher. Following these opening remarks, WOS First Vice-president Edward H. Burtt, Jr., introduced the first annual Margaret Morse Nice Plenary Lecture, "Seeking to Understand the Living Bird," presented by Nicholas and Elsie Collias. This informative and delightful presentation was very well received. The Nice Lecture was followed by the first business meeting of the Wilson Ornithological Society.

The scientific program included 89 contributed papers and 15 contributed posters, which were organized into 11 paper sessions, a poster session, a symposium on the ornithology of wrens organized by Greg Farley and Dale Kennedy, a second symposium on the ornithology of the Great Plains organized by John Kricher and John Zimmerman, a third symposium on Great Plains Grassland Birds and the Conservation Reserve Program organized by Robert Robel, a workshop on state and regional ornithology journals organized by Albert R. Buckelew, Jr., and a second workshop on teaching ornithology organized by Edward H. Burtt, Jr.

On Friday evening the conferees enjoyed a picnic on the Konza, a 3487-ha tallgrass prairie owned by The Nature Conservancy and managed for ecological studies by the Division of Biology at Kansas State University. Field trips on Friday, Saturday, and Sunday mornings included jaunts to Milford Reservoir, Tuttle Creek Reservoir, and to the Konza Prairie to observe lekking prairie chickens. On Sunday there was an all-day field trip to Cheyenne Bottoms/Quivira National Wildlife Refuge.

A social hour preceded the annual banquet, which was held in the Main Ballroom of the K-State Student Union. At the conclusion of the enjoyable dinner President Bildstein briefly addressed the conferees, and the following awards were presented:

EDWARDS PRIZE (for the best major article in volume 108 of *The Wilson Bulletin*)

Larry Clark, "Trigeminal repellents do not promote conditioned odor avoidance in European Starlings." *Wilson Bull.* 108:36–52.

LOUIS AGASSIZ FUERTES AWARD

Erik D. Doerr, "The population genetic consequences of natal philopatry in birds."

MARGARET MORSE NICE AWARD

Ann (Sandy) Kownacki, "An investigation into mass die-offs of flamingos at Lake Nakuru, Kenya."

PAUL A. STEWART AWARDS

Eric C. Atkinson, "Mass differences between vernal and autumnally migrating Northern Saw-whet Owls (*Aegolius acadicus*) in southeast Pennsylvania."

Emilio M. Bruna, "Effect of habitat fragmentation on tropical plant-pollinator interactions."

Daniel A. Cristol, "Are 'Carolina' juncos really short-distance migrants?"

James R. Miller, "Avian diversity and predator assemblages along a gradient of urbanization."

Kelley Segars, "Comparison of bird communities in developed and undeveloped riparian areas."

WILSON ORNITHOLOGICAL SOCIETY TRAVEL AWARDS

Sara R. Dewey, "Effects of food availability on parental care strategies and juvenile survival in Northern Goshawks."

Oliver Komar, "Estimating detection probability for temperate forest birds in winter."

James R. Miller, "Nest predation in riparian areas along the Colorado Front Range: the effect of urbanization."

ALEXANDER WILSON PRIZE (for best student paper)

James R. Miller, "Nest predation in riparian areas along the Colorado Front Range: the effect of urbanization."

Selection committee for the Edwards Prize—Charles Blem (chair), Robert Beason, Mary Clench, James Sedgewick, and Richard Stiehl; for the Fuertes, Nice, and Stewart Awards—Daniel Klem, Jr. (chair), Judith M. Rhymer, and Richard Stiehl; for the Wilson Ornithological Society Travel Award—John C. Kricher (chair), Edward H. Burt, Jr., and William E. Davis, Jr.

FIRST BUSINESS MEETING

The first business meeting was called to order by President Bildstein at 10:03 on Friday, 18 April, in Forum Hall. Secretary Smallwood then summarized what had transpired at Thursday's council meeting, noting the successful efforts of John Zimmerman and the local committee and of Second Vice-president John Kricher and the scientific program committee. He reviewed the awards offered by the Society, the winners to be announced at the annual banquet. Secretary Smallwood invited those in attendance to visit the WOS home page on the internet, and to forward any suggestions and complements to webmaster Janet Hinshaw. He noted that the *Ornithological Newsletter* is now posted on the internet, as well. The secretary introduced the newly elected editor of *The Wilson Bulletin*, Bob Beason, who hails from the State University of New York at Geneseo. Editor Beason will institute some changes to the *Bulletin's* format, including an increase in the journal's size to 8 × 10 inches.

and adoption of a two-column layout. He will encourage e-mail communication among authors, reviewers, and the editorial office, and will seek to receive final manuscript submissions on disk. Those in attendance welcomed the new editor, and commended retiring Editor Charlie Blem and Assistant Editor Leann Blem for a remarkable 10 years of dedicated service to the Wilson Ornithological Society. Secretary Smallwood then noted that membership in the Society currently stood at 2512, including 328 student and 517 life members, and that the Society has been enjoying a modest increase during the past few years. The 1998 annual meeting will be held 6–12 April in St. Louis, in joint session with the American Ornithologists' Union, the Association of Field Ornithologists, the Colonial Waterbird Society, the Cooper Ornithological Society, and the Raptor Research Foundation. This meeting will be known as the Second North American Ornithological Conference. First Vice-president Burtt will gratefully entertain suggestions for the second annual Margaret Morse Nice Plenary Lecture. Due to a change in plans, the 1999 WOS meeting will not be held at the University of North Carolina in Greensboro, and Council was exploring options for alternate venues. President Bildstein appointed Dick Conner to chair the reconstituted resolutions committee. The secretary then asked those assembled to stand in recognition of the following WOS members who had passed away since we last met: Richard A. Anderson (St. Louis, MO), William B. Davis (Bryan, TX), Phillip A. Dumont (Flagler Beach, FL), Roger Tory Peterson (Old Lyme, CT), Allen R. Phillips (Nuevo Leon, Mexico), and Carol S. Roesler (Darien, CT).

The treasurer's report was then presented by Doris Watt.

Charles Blem offered the editor's report.

Jerome A. Jackson, chair, delivered the report of the nominating committee, which also included Mary H. Clench and Richard N. Conner, offering the following slate of candidates: President, Edward H. Burtt, Jr.; First Vice-president, John C. Kricher; Second Vice-president, William E. Davis, Jr.; Secretary, John A. Smallwood; Treasurer, Doris J. Watt; and Members of Council for 1998–2000, Charles Blem and Sara R. Morris.

The first business meeting was adjourned at 10:21.

SECOND BUSINESS MEETING

The second business meeting was called to order by President Bildstein at 13:05, Saturday, 19 April, in Forum Hall, at which time he asked Secretary Smallwood to read aloud two resolutions to be considered:

COMMENDATION

WHEREAS the Wilson Ornithological Society and the Kansas Ornithological Society held a joint meeting in Manhattan, Kansas, at the invitation of the Division of Biology and the Graduate School, Kansas State University, the Northern Flint Hills Audubon Society, the Friends of the Konza Prairie, the Kansas Department of Wildlife and Parks, the Kansas Cooperative Fish and Wildlife Research Unit, and the Kansas Chapter of the Wildlife Society; and

RECOGNIZING that the Committee on the Scientific Program, directed by John C. Kricher, coordinated a remarkable program of contributed papers, including several workshops and symposia, as well as poster presentations; and

RECOGNIZING that the Committee on Local Arrangements, under the able direction of John L. Zimmerman, provided an outstanding conference venue which exemplified the habitats, wildlife, ambience, and hospitality indigenous to the Great Plains; and

WHEREAS having been some time in preparation a splendid time was guaranteed for all,

THEREFORE BE IT RESOLVED that the Wilson Ornithological Society commend the Committee on the Scientific Program, the Committee on Local Arrangements, and our Kan-san sponsors for a most successful and enjoyable meeting in Manhattan.

The motion to accept this resolution was made by John Kricher and seconded by Herb Hendrickson, and it passed by acclamation.

COMMENDATION

WHEREAS Charles R. Blem has served the Wilson Ornithological Society in the capacity of editor of *The Wilson Bulletin* for the past ten years; and

WHEREAS though his editorial skills and leadership he has enhanced the international reputation of *The Wilson Bulletin* as one of the most prestigious journals of ornithology; and

WHEREAS through his faithful and relentless efforts, and those of his dedicated editorial staff, especially those of his partner, Assistant Editor Leann Blem, the Wilson Ornithological Society has consistently produced a world-class publication, delivered on schedule;

THEREFORE BE IT RESOLVED that the Officers, Council, and Membership of the Wilson Ornithological Society express their deepest appreciation to Editor Blem and his associates for their many years of commitment and service to their Society.

The motion to accept this resolution was made by Ted Davis and seconded by John Kricher. The resolution was enthusiastically passed by the membership, who rose to offer Editor Charles Blem and Assistant Editor Leann Blem a heartfelt standing ovation.

President Bildstein recalled the report of the nominating committee to the floor. Jerome A. Jackson, chair, solicited additional nominations from those assembled. As there were none, Herb Hendrickson moved and Joseph Jehl seconded that the nominations be closed, and further, that the secretary cast a unanimous ballot for all offices. The motion passed by acclamation and the secretary did as directed.

Kim Smith next addressed the assembly with an update on the 1998 North American Ornithological Conference in St. Louis. Bette Loiselle and Jeffrey Brawn will chair the local and scientific program committees, respectively. An evening reception is planned for Tuesday, 7 April, and the following day the scientific program will commence with the second annual Margaret Morse Nice Plenary Lecture.

President Bildstein distributed a "get-well" card so that the attendees could send their best wishes to Olin Pettingill, who was recovering from an illness. Calling for additional announcements and receiving none, the president then received a motion from John Kricher, seconded by Jerome Jackson, that the meeting be adjourned. Those assembled in agreement, adjournment occurred at 13:30.

REPORT OF THE TREASURER

1 JULY 1996 TO 30 JUNE 1997

GENERAL FUNDS

<i>Balance Forward</i>	\$ 68,164.22
<i>Receipts</i>	
Regular and Sustaining Memberships	\$ 33,413.00
Student Memberships	5,030.00
Family Memberships	<u>198.00</u>
Total Dues	\$ 38,641.00

Subscriptions	\$ 25,760.00	
Newsletter	337.28	
Back Issues	388.00	
Page Charges	<u>18,190.00</u>	
Total Income from Publications		\$ 44,675.28
Contributions: Research Fund	\$ 269.00	
Van Tyne Library	2,870.00	
General Endowment	107.00	
Life, Patrons (Gen Endowment)	2,000.00	
WOS Student Travel Fund	806.00	
Unrestricted	<u>3,132.00</u>	
Total Contributions		\$ 9,184.00
Royalties		1,755.00
Interest from Endowments		24,608.52
Dividends from Dreyfus Acct (reinvested)		(957.53)
		<u>28,458.40</u>
Miscellaneous		
Net OSNA Adjustment		<u>-69.90</u>
TOTAL RECEIPTS		\$120,888.78
<i>Disbursements</i>		
Bulletin Publication		
June 1996	\$ 17,587.51	
September 1996	19,932.75	
December 1996	23,274.49	
March 1997		
Editor's expenses	<u>5,000.00</u>	
Total Publication Costs		\$ 65,794.75
OSNA Expenses	\$ 18,258.83	
Secretary's expenses	68.00	
Treasurer's expenses	69.57	
Treasurer's bond		
CPA (tax filing and audit)	1,600.00	
Incorporation Fee	5.00	
Editor's honorarium	2,000.00	
Editor's travel	506.36	
Postage	74.30	
Awards Committee phone	13.06	
Van Tyne Library (back issues)	200.00	
Advertisement (Allen Press)		
Meeting costs (speaker airfare)	321.00	
Miscellaneous	<u>185.40</u>	
Total Operating Expenses		\$ 23,301.52
Organizational Awards	\$ 2,899.99	
Ornithological Council Contribution	1,880.00	
ABC Dues	<u>150.00</u>	
Total Philanthropies		\$ 4,929.99
TOTAL DISBURSEMENTS		\$ 94,026.26
Ending Balance		\$ 95,026.74

CASH ACCOUNTS

First Source Bank Checking 30 June 1997	\$ 74,408.46	
Dryfus Liquid Assets 30 June 1997	<u>20,618.28</u>	
Total Cash on Hand		\$ 95,026.74
Van Tyne Library Accounts Starting Balance	\$ 3,955.41	
Receipts	\$ 1,181.52	
Expenses	<u>2,035.95</u>	
Ending Balance		\$ 3,100.98

SUTTON DESIGNATED ACCOUNTS

Endowment Principal as of 1 July 95	\$ 55,747.58
Increase in Principal Value June 95-96*	65,503.41
1996 Earnings**	2,489.13
Funds disbursed for Color Plates (2)	<u>1,635.00</u>
Balance	854.13

TOTAL ENDOWMENT FUNDS

1996 Market Value	\$676,029.00
1997 Market Value	\$814,315.00

* 17.5%

** Based on 3.8% interest on Mellon account

EDITOR'S REPORT—1996

In 1996, 200 manuscripts (96 major papers, 104 short communications) were received by *The Wilson Bulletin* editorial office. This is 18 less than in 1995, but well over the average of the past decade (about 175/year). Of these, approximately 64% were rejected. The time between receipt of manuscript from the author(s) and our return of the manuscript with referee comments nearly always has been less than three months. A few manuscripts required slightly more than four months for a decision. The average time between receipt of a manuscript and its appearance in *The Wilson Bulletin* in 1996 was almost always less than a year, as in past issues. We are using email in the editorial process to the degree that some costs have been reduced and the speed of response for computer users often is more prompt.

I am grateful to the editorial board—Kathy G. Beal, R. N. Conner, Tom Haggerty, and J. A. Smallwood—for their timely, skilled evaluations of many of the manuscripts submitted to the journal. Assistant Editors Leann Blem and Albert E. Conway are responsible for the consistency of style and format, and for making arcane prose more readable. I thank them for their efforts. Kathy G. Beal deserves special praise for continuing to assemble the index for *The Wilson Bulletin*. This a tedious task and the entire society benefits from her careful work. Leann Blem has provided much of the manual labor that keeps the editorial office running and she catches many of the small errors that can plague a publication. Virginia Commonwealth University Department of Biology supports the editorial process and the running of the office in numerous ways. As always, I remain open to suggestions as to how to improve the service we provide the readers and authors, and invite you to make your opinions known to me.

C. R. Blem, *Editor*

The reports of the standing committees are as follows:

REPORT OF THE MEMBERSHIP COMMITTEE

The current members of the WOS membership committee are Jim Ingold at Louisiana State University, Mark Woodrey at the Mississippi Museum of Natural Science, Mary Clench of Gainesville, Florida, Laurie Goodrich at Hawk Mountain Sanctuary, and myself, at Montclair State University in New Jersey.

Laurie Goodrich has been overseeing the WOS membership poster's travel itinerary. This past year the poster was displayed at the WOS meeting in Cape May, New Jersey; the meeting of the Pennsylvania Chapter of the Wildlife Society; the Pennsylvania Society for Ornithology meeting; the American Birding Association meeting in Salt Lake City; and the joint American Ornithologists' Union and Raptor Research Foundation meeting in Boise, Idaho. Although the poster did not find a passage to the Association of Field Ornithologists meeting, the WOS brochures did arrive safely.

Mary Clench will be contacting nonrenewing members to invite them back into our flock. Mark Woodrey continues to send membership invitations to authors who publish in *The Wilson Bulletin*, and Jim Ingold contacts nonmembers who make presentations at the annual meetings.

Last year I received about a dozen letters from people interested in joining us. To each I sent a letter of welcome and our membership brochure. I also respond to periodic requests from Richard Walker, business manager at Allen Press, for replenished supplies of our membership brochure.

John A. Smallwood, *Chair*

REPORT OF THE UNDERGRADUATE OUTREACH COMMITTEE

Introduction

The mission of the Committee on Undergraduate Outreach, which was established in June, 1991, is to stimulate an interest in ornithology among undergraduate students, and to help to maintain and focus that interest so as to stimulate students to continue studies in ornithology. The Committee explores ways to increase interest of undergraduate students in ornithology both as a focus for future postgraduate studies, and as an avocation for those who seek careers in fields other than the biological sciences.

Members of the Committee during 1996–97 are (alphabetically): Albert R. (Jay) Buckelew, Jr., Department of Biology, Bethany College, Bethany, WV; Edward H. Burt, Jr., Department of Zoology, Ohio Wesleyan University, Delaware, OH; Dale Kennedy, Biology Department, Albion College, Albion, MI; Lynn A. Mahaffy, Randolph-Macon College, Ashland, VA; Barnaby Marsh, IV, Cambridge, MA; Dan A. Tallman, Mathematics and Natural Sciences, Northern State University, Aberdeen, SD; Ernest J. Willoughby, Department of Biology, St. Mary's College of Maryland, St. Mary's City, MD; W. Herbert Wilson, Department of Biology, Colby College, Waterville, ME.

Activities

1. The Committee's Guide to Graduate Programs in Ornithology is getting final corrections at this moment, and we have discussed with Janet Hinshaw of the Library Committee the possibility of posting the document on the WOS Internet web page. This can be accomplished very soon. We think this would be the most cost-effective way to distribute the document to interested persons, pending an arrangement to print and sell copies to those

who want it in that form. Dale Kennedy and Ernie Willoughby have done most of the work on this project.

2. Report on the survey of undergraduate ornithology courses in North America. This project was spearheaded by Jed Burt and Herb Wilson in 1993, and presented as part of the Symposium on Undergraduate Outreach at the meeting in Guelph, ON. Drs. Burt and Wilson have prepared a manuscript summarizing the information and have submitted it to *Wilson Bulletin* to be considered for publication.

3. The Committee is preparing a guide to Federal regulations governing the collecting and holding of bird specimens for teaching purposes, as a resource for instructors in undergraduate institutions. Jay Buckelew is leading this project, and is making progress untangling the regulations, which appear to be in flux.

4. We continue to discuss the project to develop video-taped interviews with eminent ornithologists, to be lent through the WOS Library, as a resource to inform and inspire potential ornithologists. Dale Kennedy and Lynn Mahaffy have developed standard interview questions, based on their surveys on what undergraduate students would most likely want to know about these scientists, and Dr. Mahaffy is looking into the question of the kind of legal release form that would have to be signed in order to distribute such interviews through the lending library without legal entanglements.

5. Jed Burt and John Kricher organized a Workshop on Undergraduate Teaching in Ornithology for the 1996 Annual Meeting, and Dr. Burt has done so again for the 1997 meeting. This symposium is scheduled for Saturday Morning, April 19, with seven persons participating. The papers contributed in these workshops may eventually appear as a laboratory manual.

Ernest J. Willoughby, *Chair*

REPORT OF THE JOSSELYN VAN TYNE MEMORIAL LIBRARY COMMITTEE

Each year it becomes newly apparent, to this (only peripherally involved) chairman, how much really goes on in our segment of the WOS. The activity takes place primarily in the library of the UMMZ Bird Division; but it comprises interaction with the membership at large, with the Society treasurer, with the publisher and distribution facilities—and with a whole national and worldwide complex of other agencies and other scientific organizations.

The mere keeping and assembling of the records has become a major ongoing task. In that connection, the Committee is strongly committed to continuing a calendar-year time-frame for reporting on *our* various activities. If some of the figures seem a little on the downside from last year (calendar 1995), it is in part due to mere irregularities in recording and compiling information. The computer, of course, is a big help these days in having things organized.

That we continue at all to keep everything moving, and the records in respectable order, is still owing to the constant efforts of Janet Hinshaw and her helpers, who give unstintingly of their time here in the Bird Division. Special thanks go to the new Bird Division Secretary, Maricel Fuentes, who handles most of the library loans and xeroxing. Suffice it to say once more, that everything is still progressing nicely, as the figures below should demonstrate.

To itemize, as succinctly as possible:

Donations received—19 books, 676 journal issues, 1 thesis, 15 reports, 1 tape, and 445 reprints, from the following 24 donors: R. Banks, R. Bayer, K. Bildstein, C. Blem, C. Braun, E. Brinkley, D. Chetkovich, G. Christensen, J. Greenlaw, G. Hall, K. Haller, J. Hinshaw, R. Hoffman, L. Kiff (for The Peregrine Fund), J. Marshall, F. Lohrer (for OSNA), W. Post, J. R. Schrock, G. A. Smith, J. Tate, Washington Ornith. Soc., E. O. Willis, R. Whiting, and H. Zernickow.

Library Loans—87 loan transactions to 27 people included 244 items and photocopies.

Publications regularly received, including exchanges—a total of 227 titles from 183 organizations included exchanges of 158 journals and reprints from 128 organizations, 38 titles as gifts from 31 individuals and organizations, and 31 titles as subscriptions from 24 organizations.

Gifts to other institutions—Carnegie Museum of Natural History (3 journal issues), Museum A. Koenig, Germany (1 journal issue), and Univ. Estadual Paulista, Brazil (205 journal issues).

Trades with other institutions—North Carolina State Museum (we sent 8 books in return for 17 books and 22 journal issues), Emil Urban/Birds of Africa (sent 71 journal issues; will receive 1 vol. of Birds of Africa), and The Peregrine Fund (we received 9 books and 1 journal issue; exchange material yet to be decided).

Books sold, and New Book Fund—41 books and 5 journal issues were sold for \$1978.91, \$600 in credit from Buteo Books, and \$1978.91 which was added to the New Book Fund.

Library Purchases—Included 39 books, 1 thesis, and 381 journal issues, for a total of \$2209.11, including \$1195.11 cash and \$1014.00 from our credit with Buteo Books.

We would like to remind everyone of our web page which can be found at <http://www.ummz.lsa.umich.edu/birds/wos.html>. We have recently added a list of our currently received serials and information on requesting items from the library.

In closing: again, thanks to all our members for their continuing help, and for their active use of our facility. May this continue and expand in the years to come.

William A. Lunk, *Chair*

REPORT OF THE CONSERVATION COMMITTEE

The following is submitted as a brief report of activities of the Conservation Committee of the Wilson Ornithological Society during 1996–97.

During the past year we have been working on projects in three problem areas:

1. The role and status of birds in riverine ecosystems.
2. The issuance and use of bird depredation permits.
3. The Endangered Species Act and problems associated with its implementation and reauthorization.

I will summarize these in the order presented.

1. Riverine ecosystems have been altered dramatically over the past five centuries, and although considerable attention has been given to such problems as channelization and dam construction, the focus of most attention has been on alteration of the aquatic environment and the ways in which such alteration affects aquatic organisms. We have been looking at the influences of such alteration on birds, including aquatic, littoral, and bottomland forest species. Specifically we have been documenting and summarizing the diverse ways in which birds have been and are being affected. As examples of the range of influences of riverine ecosystem changes on birds, we cite the loss of nesting habitat for sandbar nesting species such as the Interior Least Tern by dredging and channelization, the alteration of the avian piscivore prey base as a result of release of cool, clear bottom water from behind dams on the Colorado River and the introduction of Rainbow Trout, and the probable alteration of bird species as a result of changing the composition of bottomland hardwood forests through alteration of flooding frequencies.

2. Bird depredation permits are issued throughout North America to “alleviate” “perceived problems” in aquaculture, agriculture, and urban/suburban environments. These range from permits issued to kill or harass cormorants at catfish ponds in Mississippi to

permits issued to kill or harass vultures in Virginia. We are trying to document (a) the geographic and taxonomic range of permits being issued, (b) the nature and extent of knowledge of the validity of the problems for which permits are issued, and (c) the nature of implementation of these permits and the nature of monitoring of implementation.

3. The Endangered Species Act of 1973 is probably the most important piece of environmental legislation ever passed. Unfortunately its implementation varies considerably and there are strong forces opposing the reauthorization of such a strong Act. Several modifications have already been made to the Act, some of which improve it, others which weaken it. One modification was the provision for issuance of "incidental take" permits to private landowners if they present an acceptable Habitat Conservation Plan. Such Habitat Conservation Plans have come under considerable and continuing scrutiny. Some, for example, call for the removal of a species to public land to allow destruction of the habitat on private land. As a result, species populations are becoming increasingly fragmented and increasingly dependent on public lands. Some plans deal with multiple species. Statewide Habitat Conservation Plans and Safe Harbor approaches are now being developed. These relinquish the Endangered Species Act authority to the individual states. Some, such as ones known as "Safe Harbor" provide the landowner with a 99-year exemption from the provisions of the Endangered Species Act. "Safe Harbor," incidentally, does not refer to a safe place for the species — it refers to the safety of the landowner from the teeth of the Endangered Species Act. Such plans are in association with a current administration theme known as "No Surprises." "No Surprises," like "Safe Harbor" is intended to give land owners assurance that once they do what mitigation is required by their Habitat Conservation Plan, they have no further obligations. These programs ignore the complexity and change inherent in natural ecosystems.

Unfortunately, the environmental community is very divided on the private lands issue. The Environmental Defense Fund strongly favors Habitat Conservation Plans and Safe Harbor approaches. Other groups such as National Audubon, National Wildlife Federation, Sierra Club Legal Defense Fund are opposing them. It is very important at this point that we as ornithologists very carefully scrutinize the available information on these programs and that we not just "sign on."

For the past year I have been working on these Endangered Species Act issues and last year I had the opportunity to meet with White House officials and Congressional leaders concerning them. I also spoke about them at a National Audubon Convention in Washington and will be speaking about them at a National Wildlife Federation conference next month. The important words at this time are "caution" and "understanding." We do not want to compromise away the future for endangered species. Are mitigation approaches, Habitat Conservation Plans, Safe Harbor, and other approaches helping species or are they simply allowing "business as usual"? We need to be involved.

Jerome A. Jackson, *Chair*

The Committee on the Scientific Program, chaired by John C. Kricher, with Edward H. Burtt, Jr., and William E. Davis, presented the following program assisted by session moderators and symposium and workshop organizers James C. Bednarz, Kimberly S. Bostwick, Albert R. Buckelew, Jr., Edward H. Burtt, Jr., Jack F. Cully, Jr., William E. Davis, Jr., Greg H. Farley, Danny J. Ingold, E. Dale Kennedy, John C. Kricher, James R. Miller, Helmut C. Mueller, K. Otter, Robert J. Robel, Eric R. Stone, David L. Swanson, and John L. Zimmerman.

PAPER SESSIONS

- J. F. Cully, Jr., and H. L. Michaels, Kansas State Univ., Manhattan, KS, "Avian diversity and the Intermediate Disturbance Hypothesis at Fort Riley Army Reserve, Kansas."
- J. W. Walk and R. E. Warner, Univ. of Illinois, Urbana, IL, "Influence of management and patch size on the distribution of grassland birds."
- T. H. Parker, Kansas State Univ., Manhattan, KS, "Segregation of nest sites and relationship to predation on the prairie."
- D. E. Hoover, Kansas State Univ., Manhattan, KS, "Avian composition and relative abundance in fenced and grazed riparian habitats in southeastern Kansas."
- D. J. Ingold, Muskingum College, New Concord, OH, "The influence of nest boxes on Northern Flicker reproductive success in the presence of European Starlings."
- R. N. Conner and C. E. Shackelford, Southern Research Station, Nacogdoches, TX, "A multivariate evaluation of woodpecker-habitat associations in eastern Texas forests."
- D. C. Rudolph, R. N. Conner, and S. J. Burgdorf, Southern Research Station, Nacogdoches, TX, "The consequences of Red-cockaded Woodpecker management on rare species of the west Gulf coastal plain."
- D. Sasnz and R. N. Conner, Southern Research Station, Nacogdoches, TX, "Pileated Woodpecker damage to Red-cockaded cavity trees in eastern Texas."
- J. A. Grzybowski, Univ. of Central Oklahoma, Edmond, OK, and C. M. Pease, Univ. of Texas, Austin, TX, "Abandoning parasitized nests: benefits and costs to seasonal fecundity."
- M. E. Baltz, Univ. of Missouri, Columbia, MO, "Rejection of artificial parasite eggs by a naive avian host."
- D. K. Beutler, Washington State Univ., Pullman, WA, "Brown-headed Cowbirds in forested landscapes: local and landscape factors."
- P. F. Elliott, Eastern Connecticut State Univ., Willimantic, CT, "Demographic implications of cowbird depredation of songbird nestlings."
- R. O. Prum, Univ. of Kansas, Lawrence, KS, "Phylogenetic interrelationships of the cotingas (Cotingidae) based on morphology and DNA."
- N. Rice, Univ. of Kansas, Lawrence, KS, "Phylogeny of the Formicariidae."
- K. Zyskowski and R. O. Prum, Univ. of Kansas, Lawrence, KS, "Phylogenetic analysis of nest architecture of the neotropical ovenbirds (Furnariidae)."
- J. A. Stratford, Southeastern Louisiana Univ., Hammond, LA, "The role of vegetation structure in the local distribution of terrestrial insectivores in a fragmented neotropical landscape."
- D. P. Craig, Univ. of Colorado, Boulder, CO, and M. C. Yaber, Purdue Univ., Lafayette, IN, "Patterns of nest predation by clutch size, nest placement, and successional stage in a Costa Rican rainforest."
- K. S. Bostwick and R. O. Prum, Univ. of Kansas, Lawrence, KS, "Mechanical sound production in *Machaeropterus* (Pipridae)."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, and P. C. Petersen, Quad City Audubon Society, Davenport, IA, "Midwestern raptor population trends as determined by forty years of Christmas Bird Count data."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, and P. C. Petersen, Quad City Audubon Society, Davenport, IA, "Using Christmas Bird Count data to monitor populations of Icterids and species associated with humans."
- M. B. Robbins and D. Mead, Univ. of Kansas, Lawrence, KS, "Population trends in riparian birds: an improved census method."

- O. Komar, Ohio Wesleyan Univ., Delaware, OH, "Estimating detection probability for temperate forest birds in winter."
- J. C. Bednarz, Arkansas State Univ., State University, AR, D. M. Evans, PNW Experiment Station, Olympia, WA, and J. C. Hovis, Arkansas State Univ., State University, AR, "A validation test of point-count techniques for estimating breeding bird abundance."
- J. R. Jehl, Jr., Hubbs-Sea World Research Institute, San Diego, CA, "Monitoring Wilson's Phalaropes: lessons from 17 years of trying."
- A. R. Buckelew, Jr., Bethany College, Bethany, WV, "The role of state and regional journals in contemporary ornithology."
- J. A. Jackson, Mississippi State Univ., Mississippi State, MS, "The origins and journeys of state and provincial bird journals."
- W. E. Davis, Jr., Boston University, Boston, MA, "Strategies for the production of a successful local bird journal: a case study."
- C. R. Mauk, Univ. of Kansas, Lawrence, KS, "A phylogenetic analysis of display behaviors of grebes (Aves: Podicipedidae)."
- H. Ewell, Univ. of Colorado, Boulder, CO, "Foraging behavior of the Pygmy Nuthatch (*Sitta pygmaea*) in ponderosa pine forests."
- R. C. Beason, State Univ. of New York, Geneseo, NY, "Evidence for multiple magnetic receptors in the Bobolink."
- H. G. Gamer and J. C. Bednarz, Arkansas State Univ., State University, AR, "Dynamics and stability of a population of wintering Red-tailed Hawks in the delta region of Arkansas."
- V. B. Estelle and S. D. Eansom, Colorado Bird Observatory, Brighton, CO, "Observations of Mountain Plover staging in southeastern Colorado and wintering in Mexico."
- H. C. Mueller, Univ. of North Carolina, Chapel Hill, NC, "Age and sex differences in timing of migration of hawks."
- K. Highfill and Student Research Team, Lawrence High School, Lawrence, KS, "Remote videotaping of Great Horned Owls (*Bubo virginianus*) nesting in a flower pot."
- M. C. Brittingham, G. R. Wilson, Pennsylvania State Univ., University Park, PA, and L. J. Goodrich, Hawk Mountain Sanctuary Association, Kempton, PA, "How well do artificial nests estimate success of real nests?"
- K. K. Wenger, Ohio Wesleyan Univ., Delaware, OH, "The avian ecology of Actinomycetes: another feather-degrading bacterium."
- D. M. Watson, Univ. of Kansas, Lawrence, KS, "Mistletoe: a key determinant of bird diversity in Australian woodlands."
- T. K. Nakamura, Univ. of Colorado, Boulder, CO, "Recent introduction and expansion of the House Sparrow (*Passer domesticus*) in Puerto Rico."
- L. G. Ball, Univ. of Kansas, Lawrence, KS, "Conservation strategies for the birds of the Philippines."
- K. Otter, L. Ratcliffe, D. Michaud, and P. T. Boag, Queens Univ., Kingston, ON, Canada, "Do female Black-capped Chickadees prefer high ranking males as extra-pair partners?"
- M. T. Gaudette and R. P. Brooks, Pennsylvania State Univ., University Park, PA, "Prediction of wetland songbird community integrity for cumulative impact assessment."
- G. Farley, Fort Hays State Univ., Hays, KS, "A possible function for ancillary nest building in wrens."
- J. F. Cavitt, Kansas State Univ., Manhattan, KS, "Patterns of mass loss in breeding House Wrens: are parents stressed?"
- N. S. Dubois, Albion College, Albion, MI, "Bewicks Wrens respond more aggressively to song of House Wrens than to conspecific song."

- J. Walsh and C. E. Bock, Univ. of Colorado, Boulder, CO, "Likely occurrence of overlapping broods in the Rock Wren."
- D. W. White and E. D. Kennedy, Albion College, Albion, MI, "Effect of habitat on nest destruction by House Wrens."
- D. Marija, St. Petersburg Univ., St. Petersburg, Russia, "Ecology and behavior of the Wren *Troglodytes t. troglodytes* in the Leningrad region (Russia)."
- J. Gubanyi and J. Savidge, Univ. of Nebraska, Lincoln, NE, "Stopover ecology of spring migrants along the Missouri and Platte rivers in eastern Nebraska."
- K. L. Dean, D. L. Swanson, and E. T. Liknes, Univ. of South Dakota, Vermillion, SD, "Age structure and phenology of neotropical woodland migrants in the northern Great Plains during fall migration."
- C. R. Davis, Arkansas State Univ., State University, AR, "Habitat and landscape use by selected neotropical migratory birds in the coniferous forests of Idaho."
- E. T. Liknes, Univ. of South Dakota, Vermillion, SD, "Neotropical migrant flight ranges and migratory patterns from southeastern South Dakota: are the northern Great Plains a barrier to migration?"
- D. A. Kluza, Univ. of Kansas, Lawrence, KS, "Causation of population declines in neotropical migrant birds."
- J. C. Gering, Miami Univ., Oxford, OH, "Characterization of overwintering and breeding bird communities of two subtropical habitats—Bahama pine forest and dry evergreen forest."
- K. J. McKay, J. W. Stravers, B. R. Conklin, U. Konig, and S. Hawks, Midwest Raptor Research Fund, Moline, IL, "Assessment of human activity impacts on Bald Eagle reproductive success along the upper Mississippi River."
- J. M. Schukman, Leavenworth, KS, "Interspecific association of area-sensitive forest birds in eastern Kansas."
- J. G. Hallett, D. K. Beutler, Washington State Univ., Pullman, WA, and M. A. O'Connell, Eastern Washington Univ., Cheney, WA, "Avian communities of managed forests of northeastern Washington: habitat relationships."
- J. F. Chace, Univ. of Colorado, Boulder, CO, "Solitary Vireos nesting in a fragmented landscape: the effect of nest parasitism and predation on population growth."
- J. C. Hovis, Arkansas State Univ., State University, AR, "Survival and site fidelity of Swainson's Thrushes related to landscape patterns."
- J. M. Ruth, USGS, Fort Collins, CO, "Effects of surrounding land uses on avian communities."
- J. Miller, Colorado State Univ., Fort Collins, CO, "Nest predation of riparian areas along the Colorado Front Range: the effect of urbanization."
- S. R. Morris, Canisius College, Buffalo, NY, "An introduction to taxonomy, classification, and cladistics."
- M. Eagan, California State Univ., Chico, CA, "Design your own taxonomy."
- E. H. Burt, Jr., Ohio Wesleyan Univ., Delaware, OH, "Natural, sexual, and geographical variation among House Sparrows."
- P. Houde, New Mexico State Univ., Las Cruces, NM, "Chickadee hybridization zones."
- L. D. Igl, USGS, Biological Resources Division, Jamestown, ND, and B. M. Ballard, Texas A&M Univ., Kingsville, TX, "Habitat use of migrating and wintering grassland birds in southern Texas."
- D. J. Prosser and R. P. Brooks, Pennsylvania State Cooperative Wetlands Center, University Park, PA, "Effects of beaver pond succession on avian community composition."
- E. Stone, Univ. of Colorado, Boulder, CO, "Songbird associations among Gambel oak habitats in southwestern Colorado: towards a measure of biodiversity value."

- R. E. Thill, USDA Forest Service, Nacogdoches, TX, P. A. Tappe, Univ. of Arkansas, Monticello, AR, M. A. Melchior, Weyerhaeuser Company, Hot Springs, AR, and T. B. Wigley, Clemson Univ., Clemson, SC, "Breeding bird communities of streamside zones in the Ouachita Mountains, Arkansas."
- A. T. Peterson, S. L. Egbert, and K. P. Price, Univ. of Kansas, Lawrence, KS, "When distributional models fail: mirroring ecology and history in geographic distribution."
- K. T. Vierling, Univ. of Colorado, Boulder, CO, "Predation and source/sink population dynamics of Red-winged Blackbirds."
- S. R. Dewey, Colorado State Univ., Fort Collins, CO, "Effects of food availability on parental care strategies and juvenile survival in Northern Goshawks."
- D. A. Robinson, Jr., and E. J. Finck, Emporia State Univ., Emporia, KS, "Effects of food supplementation on nestling Eastern Bluebirds (*Sialia sialis*)."
- D. L. Swanson and D. P. Weinacht, Univ. of South Dakota, Vermillion, SD, "Seasonal effects on metabolism and thermoregulation in Northern Bobwhite."
- S. J. Cooper, Utah State Univ., Logan, UT, "Thermal and energetic consequences of roost-site selection in seasonally acclimatized Mountain Chickadees and Plain Titmice."
- E. J. Willoughby, St. Mary's College of Maryland, St. Mary's City, MD, "Color change and molting in Lawrence's Goldfinch."
- D. Klem, Jr., L. S. Crivelli, II, G. A. Davis, F. A. Lewis, III, and M. Elder, Muhlenberg College, Allentown, PA, "Bird-window collisions worldwide."
- C. Dove, Smithsonian Institution, Washington, DC, "Forensic ornithology."
- M. S. Funk, Roosevelt Univ., Chicago, IL, "Doing avian behavioral research at the zoo."
- E. D. Kennedy and D. W. White, Albion College, Albion, MI, "A laboratory on form and function: feeding in birds."
- S. K. Skagen, USGS, Fort Collins, CO, "Transitory populations in the Great Plains: the case of migrant shorebirds."
- F. L. Knopf, USGS, Fort Collins, CO, "Ecology and conservation of the grassland 'shorebird,' the Mountain Plover."
- L. D. Martin, Univ. of Kansas, Lawrence, KS, "Ice Age biogeography of North American birds."
- J. D. Rising, Univ. of Toronto, Toronto, ON, Canada, "Avian hybrid zones in the Great Plains."
- J. Hughes, R. J. Robel, and K. E. Kemp, Kansas State Univ., Manhattan, KS, "Factors influencing avian productivity on Conservation Reserve Program fields in Kansas."
- L. B. Best, Iowa State Univ., Ames, IA, H. Campa, III, S. R. Winterstein, Michigan State Univ., East Lansing, MI, K. E. Kemp, R. J. Robel, Kansas State Univ., Manhattan, KS, M. R. Ryan, Univ. of Missouri, Columbia, MO, J. A. Savidge, Univ. of Nebraska, Lincoln, NE, and H. P. Weeks, Jr., Purdue Univ., West Lafayette, IN, "Bird abundance and nesting in CRP fields and cropland throughout the Midwest."
- P. T. Hughes, R. R. Moldenhauer, J. Graden, Sam Houston State Univ., Huntsville, TX, and R. Bunn, USDOD, Fort Carson, CO, "Abundance of shortgrass prairie birds on the Pinon Canyon Maneuver Site in southeastern Colorado."
- D. H. Johnson, L. D. Igl, and M. D. Schwartz, Northern Prairie Science Center, Jamestown, ND, "Changes in breeding bird communities of CRP fields in the northern Great Plains."
- R. R. Koford, Iowa State Univ., Ames, IA, "Fledging success of ground-nesting passerines in CRP fields in North Dakota and Minnesota."
- T. D. McCoy, M. R. Ryan, E. W. Kurzejeski, and L. W. Burger, Jr., Univ. of Missouri and Missouri Dept. of Conservation, Columbia, MO, "CRP: source or sink habitat for grassland birds in Missouri."

POSTERS

- M. E. Berry, Univ. of Colorado, Boulder, CO, "Habitat use by songbirds in northern Colorado Front Range foothills shrub: effects of vegetation structure and composition."
- J. F. Chase, and A. Cruz, Univ. of Colorado, Boulder, CO, "Range of the Brown-headed Cowbird in Colorado—past and present."
- C. Dove, Smithsonian Institution, Washington, DC, "Feather evidence helps clarify locality of anthropological artifacts in the Museum of Mankind."
- H. Ewell and C. Bechtold, Univ. of Colorado, Boulder, CO, "An experimental corridor in Australia's rainforest."
- S. W. Gillihan and M. F. Carter, Colorado Bird Observatory, Brighton, CO, "Bird populations in relation to level of western spruce budworm defoliation in a Colorado mixed-conifer forest."
- H. T. Hendrickson, Univ. of North Carolina, Greensboro, NC, "Population trends of eastern House Finches (1946–1995)."
- D. M. Juliano, B. J. Carner, J. C. Bednarz, and M. J. Huss, Arkansas State Univ., State University, AR, "Characteristics of nest sites used by Hairy Woodpeckers in western Washington."
- T. J. Mabee, Colorado State Univ., Fort Collins, CO, "Using eggshell evidence to determine nest fate of shorebirds."
- K. J. McKay, J. W. Stravers, Midwest Raptor Research Fund, Moline, IL, and G. V. Swenson, U.S. Army Corps of Engineers, Pleasant Valley, IA, "Altering forced management plans to accommodate rare or endangered species—a positive example and approach."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, P. C. Petersen, Quad City Audubon Society, Davenport, IA, J. P. Quinlivan, and M. S. Bornstein, USFWS, Wapello, IA, "Avian monitoring and spring migration response to the 1993 flood on Mark Twain National Wildlife Refuge."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, P. C. Petersen, and B. L. Blevins, Quad City Audubon Society, Davenport, IA, "Avian survey of the Savanna Ordinance Depot bottomlands, an upper Mississippi River floodplain site."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, J. P. Quinlivan, and M. S. Bornstein, USFWS, Wapello, IA, "A comparison of avifaunal monitoring using point count and random area search methods."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, and G. M. Quartucci, Northern Indian Public Service Company, Hammond, IN, "Influence of foraging-perch habitat on Bald Eagles in westcentral Illinois."
- K. J. McKay, Midwest Raptor Research Fund, Moline, IL, and G. M. Quartucci, Northern Indian Public Service Company, Hammond, IN, "Influence of ice cover on Bald Eagle distribution within the upper Mississippi River region."
- S. R. Morris and C. R. Pusateri, Canisius College, Buffalo, NY, "The spring migration of Common Yellowthroats (*Geothlypis trichas*) on Appledore Island, Maine."
- M. Murphy, St. Mary's College of Maryland, St. Mary's City, MD, "Micromorphological investigation of unique prenuptial wear pattern in the male Lawrence's Goldfinch (*Carduelis lawrencei*)."
- D. A. Rintoul, Kansas State Univ., Manhattan, KS, "Possible effect of the mandatory participation fee on the Christmas Bird Count database."
- J. A. Sedgwick, USGS Biological Resources Division, Fort Collins, CO, "Spatial and temporal variability in Brown-headed Cowbird parasitism of Willow Flycatchers."
- S. Winter and J. Cully, Kansas State Univ., Manhattan, KS, "Avifaunal composition and

relative abundance on black-tailed prairie dog colonies and non-colonized areas in southwest Kansas and southeast Colorado.”

W. H. Busby, Kansas State Biological Survey, Lawrence, KS, and J. L. Zimmerman, Kansas State Univ., Manhattan, KS, “The Kansas Breeding-bird Atlas Project.”

ATTENDANCE

ARKANSAS: *Fayetteville*, Douglas James, John Prather, Kim Smith; *Jonesboro*, Cory Davis; *State University*, Jim Bednarz, Huisheng Chen, Joseph Hovis, David Juliano; *Parker*, Barbara Raulston.

CALIFORNIA: *Chico*, Maura Eagan; *Los Angeles*, Elsie Collias, Nick Collias; *San Diego*, Joseph Jehl Jr.

COLORADO: *Boulder*, Tammie Nakamura, Catherine Bechtoldt, Mark Berry, Jameson Chace, David Craig, Heather Ewell, John Rced, Eric Stone, Kerri Vierling; *Brighton*, Ronnie Estelle, Scott Gillihan; *Canon City*, David Pantle; *Denver*, Stephanie Jones, Thomas Knight; *Fort Collins*, Clait Braun, Todd Mabee, Janet Ruth, Susan Skagen, Sarah Dewey, Fritz Knopf, James Miller, James Sedgwick; *Grand Junction*, Bruce McLean, Jan McLean; *Gunnison*, Don Radovich.

CONNECTICUT: *Willimantic*, Phillip Elliott.

DISTRICT OF COLUMBIA: *Washington*, Carla Dove.

FLORIDA: *Gainesville*, Peter Frederick.

ILLINOIS: *Evanston*, Millie Funk; *Moline*, Kelly McKay; *Urbana*, Jeff Walk.

INDIANA: *Notre Dame*, Doris Watt.

IOWA: *Ames*, Tim Bergin, Lou Best, Rolf Koford.

KANSAS: *Admire*, Jean Schulenberg; *Baldwin City*, Roger Boyd; *Derby*, Todd Miller; *Emporia*, Roger Applegate, Elmer Finck, Jenny Halstead, Bill Jensen, Doug Robinson, Jeff Witters; *Garden City*, Arthur Nonhof, Tom Shane; *Hays*, Greg Farley, Jennifer Matiasek, Jennifer Sevigny, Michael Sevigny; *Hillsboro*, Ken Otter, Max Terman; *Hoisington*, Karen Ganoung; *Independence*, Edwin Miller; *Lawrence*, Lisa Ball, Kimberly Bostwick, Bill Busby, Kevin Cohoon, Ken Highfill, Richard Johnston, Daniel Kluza, Cynthia Mauk, Townsend Peterson, Rick Prum, Nathan Rice, Mark Robbins, David Seibel, Dave Watson, Margaret Wedge, Kristof Zyskowski; *Leavenworth*, John Schukman; *Manhattan*, Brent Brock, John Cavitt, David Hoover, Ron Klataske, Timothy Parker, David Rintoul, Christopher Smith, Marilyn Tilghman, Steve Winter, May Wong, John Zimmerman; *Newton*, Lorna Habegger Harder, Dwight Platt; *Olsburg*, Ruth Lynn Hooper; *Pratt*, Ken Brunson, Jerry Horak; *Wichita*, Roy Beckemeyer, Suzanne Fellows; *Wilson*, Mike Rader.

LOUISIANA: *Alexandria*, Carol Corbat; *Hammond*, Jeffrey Stratford; *Metairie*, Cecil Kersting.

MAINE: *Waterville*, Herb Wilson. MICHIGAN: *Albion*, Natalie Dubois, Dale Kennedy, Douglas White; *Ann Arbor*, Janet Hinshaw, Jean Woods.

MARYLAND: *Gaithersburg*, Monica Murphy; *St. Marys City*, Ernest Willoughby.

MASSACHUSETTS: *Foxboro*, William Davis; *Norton*, John Kricher; *Sunderland*, Paul Champlin.

MISSISSIPPI: *Mississippi State*, Jerome Jackson; *Starkville*, Beth Hinson, Dawn Wilkins.

MISSOURI: *Columbia*, Angela Anders, Michael Baltz, Alix Dowling, John Faaborg, Mark Fink, Tim McCoy, Mark Ryan, Hira Walker, Susan Willson, Maiken Winter; *Jefferson City*, Jane Fitzgerald, Gene Young.

NEBRASKA: *Lincoln*, Linda Brown, Paul Johnsgard.

NEW JERSEY: *Trenton*, Mary Doscher, *Upper Montclair*, John Smallwood.

NEW MEXICO: *Las Cruces*, Peter Houde; *Silver City*, Beth Biagini, Roland Shook.

- NEW YORK: *Geneseo*, Robert Beason; *Geneva*, Sara Morris; *Williamsville*, Christopher Pusateri.
- NORTH CAROLINA: *Chapel Hill*, Helmut Mueller; *Greensboro*, Herbert Hendrickson.
- NORTH DAKOTA: *Jamestown*, Larry Igl, Douglas Johnson.
- OHIO: *Cleveland*, Tom Leiden; *Delaware*, Jed Burt, Oliver Komar, Kristin Wenger, *New Concord*, Danny Ingold; *Oxford*, Jon Gering, Jay Mager, Valerie Tierce, Julie Whipkey.
- OKLAHOMA: *Bartlesville*, David Wiedenfeld; *Norman*, Joseph Grzybowski, Gregory Smith.
- PENNSYLVANIA: *Allentown*, Louis Crivelli, Glen Davis, Daniel Klem Jr.; *Kempton*, Keith Bildstein; *University Park*, Margaret Brittingham, Mary Gaudette, Diann Prosser.
- SOUTH DAKOTA: *Vermillion*, Eric Liknes, David Swanson.
- TEXAS: *Canadian*, John Hughes; *Huntsville*, Phillip Hughes; *Nacogdoches*, Richard Conner, Chuck Ely, Craig Rudolph, Ron Thill, Daniel Saenz.
- VERMONT: *Dorset*, Betty Gilbert; *Northfield*, William Barnard.
- VIRGINIA: *Richmond*, Charles Blem.
- WASHINGTON: *Pullman*, Deborah Beutler.
- WEST VIRGINIA: *Bethany*, Jay Buckelew; *Morgantown*, George Hall.
- CANADA: *Dunchurch Ontario*, James Dick; *Toronto Ontario*, Jon Barlow, James Rising.

CHANGE OF EDITOR

Dr. Robert C. Beason will serve as Editor of *The Wilson Bulletin* beginning with Volume 110. All manuscripts submitted for publication in the *Bulletin* should be sent to him at this address:

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